

Message Text

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41-40

ACTION AF-06

INFO OCT-01 ISO-00 EB-07 OC-05 CCO-00 INR-07 EUR-12 PM-03

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R 200830Z MAR 75

FM AMCONSUL ASMARA

TO AMEMBASSY ADDIS ABABA

INFO SECSTATE WASHDC 3281

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FOLLOWING SENT ACTION CINCUSNAVEUR LONDON UK, INFO
COMNAVTELCOM WASHDC, CO NAVCOMMSTA GREECE NEA MAKRI GR FROM OIC
NAVCOMMUNIT ASMARA ETHIOPIA (DTG 192130Z MAR 75) REPEATED FOR
YOUR INFO

QUOTE

CDR EMMERSON SENDS

SUBJ: PROVISION OF ELECTRICITY TO ASMARA

1. AT A MEETING ELPA/SEDAO OFFICIALS, MOBILE OIL CO ASMARA
PRESIDENT, CINCUSNAVEUR REP, OIC NCU, CISCO MANAGER, AND PA&E
MANAGER HELD 191300Z THE RESULTS OF ELPA CALCULATIONS OF TRACT E
POWER PLANT FUEL REQUIREMENTS WERE PRESENTED TO U.S. REPS. ELPA
CHIEF ENGINEER STATED THAT THESE FIGURES WILL BE INCLUDED IN A
LETTER TO BG GETACHEW, ERITREAN MATERIAL LAW ADMINISTRATOR, COPY
TO CHAIRMAN DIRG, REQUESTING APPROVAL AND INSURANCE THAT FUEL WILL
BE PROVIDED. TO BE INCLUDED IN THE LETTER IS THE STATEMENT THAT
TRACT "E" TANKS (TOTAL 380,000 GAL) MUST BE FILLED PRIOR TO
COMMENCEMENT PROVISION OF POWER TO ASMARA TO ENSURE ADEQUATE
RESERVE IN CASE MASSAWA ROAD IS AGAIN INTERDICTED.

2. (U) FULL TEXT OF ELPA PAPER FOLLOWS:
FORECASTED FUEL AND LUBRICATING OIL REQUIREMENTS FOR PARTIAL
SUPPLY OF ASMARA TOWN FROM KAGNEW DIESEL POWER STATION.

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FORECASTED STARTING PERIOD OF SUPPLY MARCH 24, 1975 MONDAY

FORECASTED SUPPLY DURATION PERIOD MARCH 24 - APRIL 30

FORECASTED :

PEAK LOAD	KW	3,200.00
LOAD FACTOR	PERCENT	50.00
AVERAGE LOAD	KW	1,600.00
DAILY PRODUCTION	KWH	38,400.00
MONTHLY PRODUCTION	"	1,152,000.00
SPECIFIC FUEL CONSUMPTION	GR/KWH	285.00
	LBS/KWH	0.63

FUEL CONSUMPTION (SEDAO ONLY):

DAILY	TONS	11.00
	LTS.	12,900.00
	LBS.	24,230.00
	GALLONS	3,440.00
MONTHLY	TONS	330.00
	LTS.	387,000.00
	LBS.	726,900.00
	GALL.	103,200.00

FUEL CONSUMPTION (PRESENT KAGNEW REQUIREMENT) :

DAILY	TONS	6.30
	LTS/DAY	7,500.00
	GALL.	2,000.00
MONTHLY	TONS	189.00
	LTS.	225,000.00
	LBS.	416,000.00
	GALL.	60,000.00

THEREFORE TOTAL FUEL REQUIREMENT

KAGNEW AND SEDA0 :

DAILY	TONS	17.3
	LTS.	20,400.00
	GALL.	5,440.00
	LBS.	36,030.00
MONTHLY	TONS	519.00
	LTS.	612,000.00
	GALL.	163,200.00
	LBS.	1,080,900.00

THIS MEANS THAT EVERY 3 DAYS A TRUCK AND TRAILER MUST UNLOAD
FUEL AT KAGNEW POWER STATION TO MAKE UP FOR THE DAILY FUEL
CONSUMPTION.

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LUBRICATION OIL REQUIREMENT

SPECIFIC LUB. OIL CONSUMPTION	GR/KWH	4
	LBS/KWH	0.0088
MONTHLY CONSUMPTION :		
SEDAO	KG	4,610.00
	LBS.	10,450.00
KAGNEW	KG	3,600.00
	LBS.	7,950.00

TOTAL	KG	8,210.00
	LBS.	18,400.00

3. AT THE CONCLUSION OF THE MEETING ELPA CHIEF ENGR STATED THAT INSULATION OIL FOR AUTO TRANSFORMER HAS BEEN RECEIVED AND IS BEING PURIFIED FOR INSTALLATION TOMORROW, AFTER WHICH A 24-HOUR VOLTAGE TEST WILL BE CONDUCTED IN THE LAB. INSTALLATION AT TRACT "E" WILL TAKE 2 OR 3 DAYS BECAUSE OF SIZE AND WEIGHT OF TRANSFORMER. THUS CONNECTION TO CITY WILL BE COMPLETE AND POWER CAN BE SUPPLIED ON 24 MARCH.

4. PA&E SPLIT THE BUS TODAY AND SHIFTED TRACT "B" FEEDER TO OUR SIDE OF THE BUS. NOW OUR GENERATORS ARE COMPLETELY ISOLATED FROM ELPA'S AND WE ARE 100 PERCENT READY TO PROVIDE POWER AT 50 HERTZ. AFTER THE SPLIT PA&E TESTED ELPA'S TWO GENERATORS UNDER SMALL (75-100 KW) LOAD FOR TWO HOURS, TEST SATISFACTORY. UNQUOTE
SHERRY

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NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: PETROLEUM, FUEL OIL, STOCKPILES, MILITARY BASES
Control Number: n/a
Copy: SINGLE
Draft Date: 20 MAR 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: KelleyW0
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975ASMARA00356
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750098-0011
From: ASMARA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750334/aaaabedx.tel
Line Count: 133
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION AF
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: KelleyW0
Review Comment: n/a
Review Content Flags:
Review Date: 01 JUL 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <01 JUL 2003 by ShawDG>; APPROVED <05 NOV 2003 by KelleyW0>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: PROVISION OF ELECTRICITY TO ASMARA
TAGS: ENRG, AFSP, MARR, ET, US
To: ADDIS ABABA
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006